IC18 Rec. CT/PTO 3 0 JAN 2002

		aHalQ.f	HALL CITETO JO JAN COOL
FORM I	FTO-139 1-2000)	990 (Modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY'S DOCKET NUMBER
(14-	TI	ANSMITTAL LETTER TO THE UNITED STATES	18111-001NATL
		DESIGNATED/ELECTED OFFICE (DO/EO/US)	U.S. APPLICATION NO. (IF KNOWN, SEE 17 CFR)
		CONCERNING A FILING UNDER 35 U.S.C. 371	09/868,748
INTE	RNATI	TIONAL APPLICATION NO. INTERNATIONAL FILING DATE PCT/IB99/02020 16 December 1999 (16.12.99)	PRIORITY DATE CLAIMED 21 December 1998 (21.12.98)
	E OF IN	INVENTION	
FUN	CTIC	ON-BASED SMALL MOLECULAR WEIGHT COMPOUND SCI	REENING SYSTEM IN DROSOPHILA
		OGASTER	
		IT(S) FOR DO/EO/US	
HAr	EN,	Ernst	
		Designated Office (DO/FO/HS)	1 A - information
-	_	herewith submits to the United States Designated/Elected Office (DO/EO/US)	
1.		This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 37	
2.	Ø	This is a SECOND or SUBSEQUENT submission of items concerning a fili	
3.		This is an express request to begin national examination procedures (35 U.S. (9) and (24) indicated below.	.C. 371(f)). The submission must include itens (5), (6),
4.		The US has been elected by the expiration of 19 months from the priority dat	ate (Article 31).
5.		A copy of the International Application as filed (35 U.S.C. 371 (c) (2))	
		a. $\square$ is attached hereto (required only if not communicated by the Intern	national Bureau).
		b. $\square$ has been communicated by the International Bureau.	
		c. $\square$ is not required, as the application was filed in the United States Rec	
6.		An English language translation of the International Application as filed (35	U.S.C. 371(c)(2)).
		a.  is attached hereto.	
		b. $\square$ has been previously submitted under 35 U.S.C. 154(d)(4).	
7.		Amendments to the claims of the International Application under PCT Article	* * * * * * * * * * * * * * * * * * * *
,		a.   are attached hereto (required only if not communicated by the Internal of	national Bureau).
,		b. have been communicated by the International Bureau.	
1		c. have not been made; however, the time limit for making such amend	dments has NOT expired.
	П	d. have not been made and will not be made.  An English language translation of the amendments to the claims under PCT.	- 10.000110.00011-1/201
8. 9	□ ⊠	An English language translation of the amendments to the claims under PCT  An oath or declaration of the inventor(s) (35 H S C 371 (c)(4))	Article 19 (35 U.S.C. 3/1(c)(3)).
9. 10.	$\boxtimes$	An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).  An English language translation of the annexes to the International Prelimina	Emination Papart under PCT
10.		Article 36 (35 U.S.C. 371 (c)(5)).	
11.		A copy of the International Preliminary Examination Report (PCT/IPEA/409)	<i>)</i> ).
12.		A copy of the International Search Report (PCT/ISA/210).	
It	æms 1	13 to 20 below concern document(s) or information included:	
13.		An Information Disclosure Statement under 37 CFR 1.97 and 1.98.	
14.	$\boxtimes$	An assignment document for recording. A separate cover sheet in compliance	be with 37 CFR 3.28 and 3.31 is included.
15.		A FIRST preliminary amendment.	
16.		A SECOND or SUBSEQUENT preliminary amendment.	
17.		A substitute specification.	
18.		A change of power of attorney and/or address letter.	
19.		A computer-readable form of the sequence listing in accordance with PCT Ru	
20.		A second copy of the published international application under 35 U.S.C. 154	
21.		A second copy of the English language translation of the international applica	ation under 35 U.S.C. 154(d)(4).
22.	⊠ ⊠	Certificate of Mailing by Express Mail	
23.	$\boxtimes$	Other items or information:	
İ		Express Mail Label No. EL918131037US	
		Filed On: (30. 01. 02) 30 January 2002  Response to Notification of Missing Requirements and Copy of Notification Petition for Four Month Extension of Time	ion of Missing Requirements

U.S. API	PLICA	TION NO. (IF KNOWN, SEE 37 CFR	INTERNATIONAL APPLICATION NO.			ATTORNEY'S DOCKET NUMBER					
	<u></u>	. 09/868,748	PCT/IB99/0202	18111-001NATL							
24.		he following fees are submitted:.	CALCU	LATIONS	PTO USE ONLY						
		ONAL FEE ( 37 CFR 1.492 (a) (1) - international preliminary examination									
i	nterna	tional search fee (37 CFR 1.445(a)(2)) ternational Search Report not prepared		•							
Į	USPTO	ational preliminary examination fee (37)  O but International Search Report prepa									
į	out inte	ational preliminary examination fee (37 ernational search fee (37 CFR 1.445(a)									
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[] I	nterna and all	ational preliminary examination fee (37 claims satisfied provisions of PCT Art									
		ENTER APPROPRIA	\$0.00								
months	from t	130.00 for furnishing the oath or decla he earliest claimed priority date (37 CI	FR 1.492 (e)).		\$0.00						
	CLAIMS NUMBER FILED		NUMBER EXTRA	RATE		60.00	<del></del>				
	otal claims - 20 =		0	x \$18.00 x \$84.00		\$0.00					
	Independent claims - 3 =  Multiple Dependent Claims (check if applicable).		0	X \$84.00		\$0.00					
Multiple	Бере		ABOVE CALCULAT			\$0.00					
☐ Ap	plican luced t	at claims small entity status. See 37 CFF by 1/2.			\$0.00						
<b> </b> -			SUB	ΓΟΤΑL =		\$0.00					
Processi months	ing fee	of \$130.00 for furnishing the English the earliest claimed priority date (37 CF	0 30 +		\$0.00						
<b> </b>		<u></u>	TOTAL NATIONAL	FEE =		\$0.00					
Fee for accompa	recordi	ing the enclosed assignment (37 CFR 1 by an appropriate cover sheet (37 CFR 3		\$40.00							
<del>                                     </del>		<del></del>		\$760.00							
			Amount t		\$						
					char		\$				
a.	×	A check in the amount of \$760.	.00 to cover the above fee:	s is enclosed.							
b.		Please charge my Deposit Account No A duplicate copy of this sheet is enclo	o in the ame		to cover the above fees.						
c.	57										
d.	d.  Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card										
information should not be included on this form. Provide credit card information and authorization on PTO-2038.  NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR											
1.137(a) or (b)) must be filed and granted to restore the application to pending status.  SEND ALL CORRESPONDENCE TO:											
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Attorney Docket No: 18111-001NATL

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: Hafen, Ernst

ASSIGNEE: The Genetics Company, Inc.

U.S. SERIAL

NUMBER: 09/868748

INTERNATIONAL

FILING DATE: December 16, 1999

FOR: FUNCTION-BASED SMALL MOLECULAR WEIGHT COMPOUND

SCREENING SYSTEM IN DROSOPHILA MELANOGASTER

## **Box PCT**

Assistant Commissioner for Patents Washington, D.C. 20231

## RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. §371

In response to the Notification of Missing Requirements Under 35 U.S.C. §371, mailed August 1, 2001, for filing in the above-referenced patent application are the following documents:

- an executed Combined Declaration and Power of Attorney form [3pgs.];
- an Assignment [2pgs.];
- a Petition for a one (4) month extension of time under 37 C.F.R. §1.136(a) [1 pg.];
- two checks, one the amount of \$40.00 (check #11515) for the assignment, and (check # 11516) in the amount of \$720.00 for a four (4) month extension of time as set forth in 37 C.F.R. §1.17(a)(4)
- a Return Postcard; and
- a Copy of Notification of Missing Requirements.

Although Applicants believe that no additional fees are due in connection with this submission, the Commissioner is authorized to credit any overpayment or charge any deficiencies to Deposit Account No. 50-0311, Reference No. 18111-001NATL. A duplicate of this Response is enclosed herewith.

## Hazen, Ernst 09/868748

If the enclosed papers are considered incomplete, the Mail Room is respectfully requested to contact the undersigned collect at (617) 542-6000, Boston, Massachusetts.

Respectfully submitted,

Kristin E. Konzak, Reg No. 44,848 Ivor R. Elrifi, Reg. No. 39,529 MINTZ, LEVIN, COHN, FERRIS, GLOVSKY and POPEO, P.C.

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Dated: January 30, 2002

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